

SCORE Search Results Details for Application 10552515 and Search Result 20081001_124542_us-10-552-515-2.mi

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This page gives you Search Results detail for the Application 10552515 and Search Result 20081001_124542_us-10-552-515-2.mi.

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OM nucleic - nucleic search, using sw model

Run on: October 1, 2008, 12:45:55 ; Search time 1156 Seconds
(without alignments)
19177.014 Million cell updates/sec

Title: US-10-552-515-2

Perfect score: 3308

Sequence: 1 aaaagatagatcctgctcca.....acacctggtgaccattcgaaatgt 3308

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 9553280 seqs, 3350760028 residues

Total number of hits satisfying chosen parameters: 19106560

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*

1: /ABSS/Data/CRF/ptodata/2/ina/1_COMB.seq:*

2: /ABSS/Data/CRF/ptodata/2/ina/5_COMB.seq:*

3: /ABSS/Data/CRF/ptodata/2/ina/6A_COMB.seq:*

4: /ABSS/Data/CRF/ptodata/2/ina/6B_COMB.seq:*

5: /ABSS/Data/CRF/ptodata/2/ina/7A_COMB.seq:*

6: /ABSS/Data/CRF/ptodata/2/ina/7B_COMB.seq:*

7: /ABSS/Data/CRF/ptodata/2/ina/7C_COMB.seq:*

8: /ABSS/Data/CRF/ptodata/2/ina/HA_COMB.seq:*

9: /ABSS/Data/CRF/ptodata/2/ina/HB_COMB.seq:*

10: /ABSS/Data/CRF/ptodata/2/ina/PCTUS_COMB.seq:*

11: /ABSS/Data/CRF/ptodata/2/ina/PP_COMB.seq:*

12: /ABSS/Data/CRF/ptodata/2/ina/RE_COMB.seq:*

13: /ABSS/Data/CRF/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a

score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query				Description
		Match	Length	DB	ID	
	1	461	13.9	13243	6	US-10-741-601-5735
	2	461	13.9	14172	6	US-10-741-601-5626
c	3	460.6	13.9	101046	6	US-10-741-601-5689
	4	325.6	9.8	3052	5	US-10-342-887-1730
	5	301.6	9.1	3898	3	US-10-104-047-604
	6	286.6	8.7	2736	3	US-10-104-047-571
	7	252.6	7.6	2118	5	US-10-108-260A-2040
	8	239.2	7.2	2158	5	US-10-108-260A-1547
	9	216.2	6.5	1282	3	US-09-270-767-13982
	10	170.8	5.2	2293	3	US-10-104-047-1146
	11	157.2	4.8	2371	7	US-10-100-683-1599
	12	157.2	4.8	2371	7	US-11-001-793-1599
c	13	128.6	3.9	201	6	US-10-741-601-19564
	14	125	3.8	969	3	US-09-188-930-11
	15	125	3.8	969	3	US-09-312-283C-11
	16	121.8	3.7	656	3	US-09-270-767-30062
	17	104	3.1	1803	3	US-09-774-528-294
	18	104	3.1	1803	3	US-10-120-988-294
	19	71.8	2.2	842	3	US-09-154-750A-72
	20	70.2	2.1	571	3	US-09-270-767-187
	21	70.2	2.1	571	3	US-09-270-767-15469
	22	66	2.0	653	3	US-09-533-559-5580
	23	66	2.0	653	5	US-10-653-047-5580
c	24	61	1.8	2846	7	US-09-815-264-90691
	25	60.8	1.8	201	6	US-10-741-601-23608
	26	58.2	1.8	7218	2	US-08-232-463-14
	27	56.8	1.7	1926	3	US-09-249-585A-4
	28	56.8	1.7	1931	2	US-09-130-114-2
	29	56	1.7	1146	3	US-09-270-767-624
	30	56	1.7	1146	3	US-09-270-767-15906
	31	55.6	1.7	3453	3	US-10-101-464A-861
c	32	55.4	1.7	58408	7	US-09-815-264-81539
	33	55.2	1.7	125401	5	US-10-203-295-35
	34	55	1.7	1320	3	US-09-902-540-8133
c	35	55	1.7	3024	3	US-09-902-540-1868
	36	55	1.7	7000	3	US-09-902-540-833
c	37	54.8	1.7	8139	7	US-09-815-264-76095
c	38	54.6	1.7	45894	7	US-09-815-264-59758
c	39	53.8	1.6	1476	3	US-09-434-288-12
c	40	53.8	1.6	9233	7	US-09-815-264-81152
c	41	53.6	1.6	988	7	US-09-815-264-45142
c	42	53.6	1.6	6365	7	US-09-815-264-75605
	43	53.4	1.6	1344	6	US-10-369-493-37428
	44	53	1.6	1277	3	US-09-536-977-49
	45	52.4	1.6	1277	3	US-09-536-977-51

ALIGNMENTS

RESULT 1
 US-10-741-601-5735
 ; Sequence 5735, Application US/10741601
 ; Patent No. 7306913
 ; GENERAL INFORMATION:
 ; APPLICANT: CARGILL, Michele et al.
 ; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
 ; TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001500
 ; CURRENT APPLICATION NUMBER: US/10/741,601
 ; CURRENT FILING DATE: 2003-12-22
 ; NUMBER OF SEQ ID NOS: 26415
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 5735
 ; LENGTH: 13243
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (1)...(13243)
 ; OTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-2)
 US-10-741-601-5735

Query Match 13.9%; Score 461; DB 6; Length 13243;
 Best Local Similarity 100.0%; Pred. No. 1.5e-87;
 Matches 461; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	2848	AGCTCAGCTCCACTGGACACCCCTCACGGTCCCAAGGCCAGCCAGCTGCAGCAGTGAC	2907
Db	7463	AGCTCAGCTCCACTGGACACCCCTCACGGTCCCAAGGCCAGCCAGCTGCAGCAGTGAC	7522
Qy	2908	GCCTGGAAGGACATCTGGTGGTCCTAGGGAGTGGCCCTCCTGAGCCCTGCGAGCAGC	2967
Db	7523	GCCTGGAAGGACATCTGGTGGTCCTAGGGAGTGGCCCTCCTGAGCCCTGCGAGCAGC	7582
Qy	2968	GTCCTTCCCTTCCCTCAGGCAGCGGCTGTGAACCGCTGGCTGCTGTTGCCCTCA	3027
Db	7583	GTCCTTCCCTTCCCTCAGGCAGCGGCTGTGAACCGCTGGCTGCTGTTGCCCTCA	7642
Qy	3028	TCTCTGGCACATTGCCTGCTTCCCCCAGCGCCGGCTCTCCTCAGAGCGCTGTCA	3087
Db	7643	TCTCTGGCACATTGCCTGCTTCCCCCAGCGCCGGCTCTCCTCAGAGCGCTGTCA	7702
Qy	3088	CTCCATCCCCGGCAGGGAGGGACCGTCAGCTACAAGGCCCTTTGTTCCCTGCTCCC	3147
Db	7703	CTCCATCCCCGGCAGGGAGGGACCGTCAGCTACAAGGCCCTTTGTTCCCTGCTCCC	7762
Qy	3148	GACATAAGCCAAGGGGCCCTGCACCCAAAGGGACCCGTCCCTCGGTGGCCTCCCCAGG	3207
Db	7763	GACATAAGCCAAGGGGCCCTGCACCCAAAGGGACCCGTCCCTCGGTGGCCTCCCCAGG	7822
Qy	3208	CCCCTGGACACGACAGTTCTCCTCAGGCAGGTGGGCTTGTGGTCCTGCCGCCCTGGC	3267
Db	7823	CCCCTGGACACGACAGTTCTCCTCAGGCAGGTGGGCTTGTGGTCCTGCCGCCCTGGC	7882

Qy 3268 CACATGCCCTCTCCTCTTACACCTGGTGACCTTCGAATGT 3308
 ||||||||||||||||||||||||||||||||||||||||||||
 Db 7883 CACATGCCCTCTCCTCTTACACCTGGTGACCTTCGAATGT 7923

RESULT 2

US-10-741-601-5626

; Sequence 5626, Application US/10741601
 ; Patent No. 7306913
 ; GENERAL INFORMATION:
 ; APPLICANT: CARGILL, Michele et al.
 ; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
 ; TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001500
 ; CURRENT APPLICATION NUMBER: US/10/741,601
 ; CURRENT FILING DATE: 2003-12-22
 ; NUMBER OF SEQ ID NOS: 26415
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 5626
 ; LENGTH: 14172
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (1)...(14172)
 ; OTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-2)

US-10-741-601-5626

Query Match 13.9%; Score 461; DB 6; Length 14172;
 Best Local Similarity 100.0%; Pred. No. 1.5e-87;
 Matches 461; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2848 AGCTCAGCTCCACTGGACACCCCTCACGGTCCCAAGGCCAGCCAGCTGCAGCAGTGAC 2907
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Db 2831 AGCTCAGCTCCACTGGACACCCCTCACGGTCCCAAGGCCAGCCAGCTGCAGCAGTGAC 2890

Qy 2908 GCCTGGAAGGACATCTGGTGGTCCTAGGGAGTGGCCCTCCTGAGCCCTGCGAGCAGC 2967
 ||||||||||||||||||||||||||||||||||||||||||||

Db 2891 GCCTGGAAGGACATCTGGTGGTCCTAGGGAGTGGCCCTCCTGAGCCCTGCGAGCAGC 2950

Qy 2968 GTCCTTTCCCTTCCCTCAGGCAGCGGCTGTGAACCGCTGGCTGCTGTTGTGCCTCA 3027
 ||||||||||||||||||||||||||||||||||||||||

Db 2951 GTCCTTTCCCTTCCCTCAGGCAGCGGCTGTGAACCGCTGGCTGCTGTTGTGCCTCA 3010

Qy 3028 TCTCTGGCACATTGCCTGCTTCCCCCAGCGCCGGCTCTCCTCAGAGCGCTGTCA 3087
 ||||||||||||||||||||||||||||||||||||||||

Db 3011 TCTCTGGCACATTGCCTGCTTCCCCCAGCGCCGGCTCTCCTCAGAGCGCTGTCA 3070

Qy 3088 CTCCATCCCCGGCAGGGAGGGACCGTCAGCTACAAGGCCCTTTGTTCTGCTCCC 3147
 ||||||||||||||||||||||||||||||||||||||||

Db 3071 CTCCATCCCCGGCAGGGAGGGACCGTCAGCTACAAGGCCCTTTGTTCTGCTCCC 3130

Qy 3148 GACATAAGCCAAGGGGCCCTGCACCCAAAGGGACCCCTGTCCTCGGTGGCCTCCCCAGG 3207
 ||||||||||||||||||||||||||||||||||||||||

Db 3131 GACATAAGCCAAGGGGCCCTGCACCCAAAGGGACCCCTGTCCTCGGTGGCCTCCCCAGG 3190

Qy	3208	CCCTGGACACGACAGTCTCCTCAGGCAGGTGGGCTTGTGGTCCTGCCGCCCTGGC	3267
Db	3191	CCCTGGACACGACAGTCTCCTCAGGCAGGTGGGCTTGTGGTCCTGCCGCCCTGGC	3250
Qy	3268	CACATGCCCTCTCCTTACACCTGGTGACCTCGAATGT	3308
Db	3251	CACATGCCCTCTCCTTACACCTGGTGACCTCGAATGT	3291

RESULT 3

US-10-741-601-5689/c

; Sequence 5689, Application US/10741601
; Patent No. 7306913
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001500
; CURRENT APPLICATION NUMBER: US/10/741,601
; CURRENT FILING DATE: 2003-12-22
; NUMBER OF SEQ ID NOS: 26415
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 5689
; LENGTH: 101046
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(101046)
; OTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-2)

US-10-741-601-5689

Query Match 13.9%; Score 460.6; DB 6; Length 101046;
Best Local Similarity 99.8%; Pred. No. 2.9e-87;
Matches 460; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy	2848	AGCTCAGCTCCACTGGACACCCCTCACGGTCCCAAGGCCAGCCAGCTGCAGCAGTGAC	2907
		:	
Db	97821	AGCTCAGCTCCACTGGACACCCCTCACRGTCCTGCCAGGCCAGCTGCAGCAGTGAC	97762
Qy	2908	GCCTGGAAGGACATCTGGTGGTCCTAGGGAGTGGCCCTCTGAGCCCTGCGAGCAGC	2967
Db	97761	GCCTGGAAGGACATCTGGTGGTCCTAGGGAGTGGCCCTCTGAGCCCTGCGAGCAGC	97702
Qy	2968	GTCCTTCCCTTCCCTCAGGCAGCGGCTGTGAACCGCTGGCTGCTGTTGTGCCTCA	3027
Db	97701	GTCCTTCCCTTCCCTCAGGCAGCGGCTGTGAACCGCTGGCTGCTGTTGTGCCTCA	97642
Qy	3028	TCTCTGGGCACATTGCCTGCTTCCCCCAGCGCCGGCTCTCCTCAGAGGCCTGTCA	3087
Db	97641	TCTCTGGGCACATTGCCTGCTTCCCCCAGCGCCGGCTCTCCTCAGAGGCCTGTCA	97582
Qy	3088	CTCCATCCCCGGCAGGGAGGGACCGTCAGCTCACAGGCCCTTTGTTCTGCTCCCA	3147
Db	97581	CTCCATCCCCGGCAGGGAGGGACCGTCAGCTCACAGGCCCTTTGTTCTGCTCCCA	97522

Qy	3148	GACATAAGCCAAGGGGCCCTGCACCCAAAGGGACCCCTGTCCCTCGGTGGCCTCCCCAGG	3207
Db	97521	GACATAAGCCAAGGGGCCCTGCACCCAAAGGGACCCCTGTCCCTCGGTGGCCTCCCCAGG	97462
Qy	3208	CCCCTGGACACGACAGTTCTCCTCAGGCAGGTGGGCTTGTGGTCCTGCCGCCCTGGC	3267
Db	97461	CCCCTGGACACGACAGTTCTCCTCAGGCAGGTGGGCTTGTGGTCCTGCCGCCCTGGC	97402
Qy	3268	CACATGCCCTCTCCTTACACCTGGTACCTCGAATGT	3308
Db	97401	CACATGCCCTCTCCTTACACCTGGTACCTCGAATGT	97361

RESULT 4

US-10-342-887-1730

; Sequence 1730, Application US/10342887
; Patent No. 7171311
; GENERAL INFORMATION:
; APPLICANT: Dai, Hongyue
; APPLICANT: He, Yudong
; APPLICANT: Linsley, Peter S.
; APPLICANT: Mao, Mao
; APPLICANT: Roberts, Christopher J.
; APPLICANT: Van 't Veer, Laura Johanna
; APPLICANT: Van de Vijver, Marc J.
; APPLICANT: Bernards, Rene
; TITLE OF INVENTION: Diagnosis and Prognosis of Breast Cancer Patients
; FILE REFERENCE: 9301-188-999
; CURRENT APPLICATION NUMBER: US/10/342,887
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: 60/298,918
; PRIOR FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: 60/380,710
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 10/172,118
; PRIOR FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 2699
; SEQ ID NO 1730
; LENGTH: 3052
; TYPE: DNA
; ORGANISM: Homo sapiens

US-10-342-887-1730

Query Match 9.8%; Score 325.6; DB 5; Length 3052;
Best Local Similarity 55.1%; Pred. No. 5.7e-59;
Matches 759; Conservative 0; Mismatches 589; Indels 30; Gaps 5;

Qy	1235	AGACATACCCACGCAGGAACGTGTGGCAGCAAGGACAGCTCGAGATGTGCCCACTTG	1294
Db	7	AAACATCCCCAGCATGGAGATGTGTGACCAGAGACACAATATCACCATGTGCCCGCTTG	66
Qy	1295	CCTCGA---CTGCCCTTCTGGCTGCTCTCCAGCGCCTGTGCCCTGGCCAGGGCGCCG	1351
Db	67	CGACAAGACCTGCAGCTACTGGAAGATGAGCTCAGCCTGCGCACGGCCCGGCCAGCCA	126

Qy	2165	TAGCCAGGGGCCCTGGGAGGACGACTATGAGCTTGTGCCCTGTGAGGGCTGTTGACGA	2224
Db	967	GAGGAAACAGCGGTACGAGGTGGATTACAACCTGGAGCCCTCGCGGGCCTCACCCCAGA	1026
Qy	2225	GTACCTGGAAATGGTGCTGCAGTTGGCTTCGTACCACATTCGTGGCCGCCTGTCCGCT	2284
Db	1027	GTACATGGAAATGATCATCCAGTTGGCTTCGTACCCTGTTGTCGCCTCCTCCCCCT	1086
Qy	2285	CGCGCCGCTTCGCCCTGCTCAACAACTGGGTGGAGATCCGTTGGACGCGCGCAAGTT	2344
Db	1087	GGCCCCACTGTTGCGCTGCTGAACAAACATCATCGAGATCCGCCTGGACGCCAAAAAGTT	1146
Qy	2345	CGTCTGCGAGTACCGGCGCCCTGTGGCGAGCGCGCCAGGACATGGCATCTGGTTCCA	2404
Db	1147	TGTCACTGAGCTCCGAAGGCCGGTAGCTGTCAGAGCCAAGACATCGGAATCTGGTACAA	1206
Qy	2405	CATCCTGGCGGGCCTCACGCACCTGGCGGTATCAGCAACGCCTCCTGCCTTCTC	2464
Db	1207	TATCCTCAGAGGCATTGGGAAGCTTGCTGTATCATCAATGCCTCGTATCTCCTTCAC	1266
Qy	2465	GTCCGACTTCCTGCCGCGCGCTACTACCGGTGGACCCCGCGCCACGACCTGCGCGCTT	2524
Db	1267	GTCTGACTTCATCCCAGCGCCCTGGTAGCTACATGTACAGTAAGAACGGGACCATGCA	1326
Qy	2525	CCTCAACTTCACGCTGGCGCGAGCCCCGTCCCTCCTGCCGCGCACAACCGCACG	2582
Db	1327	CGGCTCGTCAACCACACCCCTCTCCCTTCAACGTCAGTGACTCCAGAACGGCACG	1384

RESULT 5

US-10-104-047-604

; Sequence 604, App

; Patent No. 6943241

GENERAL INFORMATION:

APPLICANT: HELIX RESEARCH INSTITUTE

; TITLE OF INVENTION: No.

FILE REFERENCE: H1-A0105

1 CURRENT APPLICATION NUMBER

i CURRENT FILING DATE: 2002-03-25

; PRIOR APPLICATION NUMBER:

i PRIOR FILING DATE:

; NUMBER OF SEQ ID NOS: 409

;

SOFTWARE: Pa

; SEQ ID NO 6

; LENGTH: 3

; TYPE: DNA

; ORGANISM: Hom

US-10-104-047-604

Query Match

Best Local Simi

Matches 871;

Qy 780 GAG

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Query Match          9.1%;  Score 301.6;  DB 3;  Length 3898;
Best Local Similarity 50.9%;  Pred. No. 7.5e-54;
Matches 871;  Conservative 0;  Mismatches 824;  Indels 15;  Gaps 6;
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Qy	840	CAGGACACCTCTTACAAGCACCAAGAGGGACCAAATTCTGTTGAGATCCTGGCCAAG	899
Db	1007	AAAGAAACGTTCTCAACAATGCCACAAGAAGTAGAATCGTCATCACATTACAAAGA	1066
Qy	900	ACCCCGTATGGCCACGAGAAGAAAAACCTGCTGGATCCACCAGCTGCTGGCAGAGGGT	959
Db	1067	ATAAAATATG---AAGAAGGAAAAAACAGATTGGTCTGAATCGTTGCTTACCAATGGC	1123
Qy	960	GTCCTCAGTGCCGCCTCCCCCTGCATGACGGCCCCCTCAAGACGCCCCCAGAGGGCCG	1019
Db	1124	TCCTATGAAGCTGCGTTCCCCCTGCATGAGGGAAAGTTAGAAGTAAAACCTCATTGA	1183
Qy	1020	CAGGCTCCACGCCTCAACCAGCGCCAAGTCCTTCCAGCACTGGCGCGCTGGGCAAG	1079
Db	1184	ACCCATGGAGCAGAAAACCACCGACATCTACTCTATGAGTGCTGGCCTCCGGCGTG	1243
Qy	1080	TGGAACAAAGTACCAAGCCCCCTGGACCACGTGCGCAGGTACTTCGGGGAGAAGGTGGCCCTC	1139
Db	1244	TGGTATAAATACCAACCTTGGATCTTGTAAAGCGGTACTTGGAGAGAAGATTGGTTA	1303
Qy	1140	TACTTCGCCTGGCTCGGGTTTACACAGGCTGGCTCCTGCCAGCGGCAGTGGTGGCACA	1199
Db	1304	TATTTGCCTGGTTGGCTGGTACACCGGATGCTCTCCAGCTGCCCTCATGGATTG	1363
Qy	1200	CTGGTGTTCCTGGTGGCTGCTCCTGGTCTCAGACATAACCCACGCAGGAAGTGTGT	1259
Db	1364	TTTGTCTTTGTATGGCGTACCAACTCTGGATCACAGCCAAGTCAGTAAAGAAGTCTGC	1423
Qy	1260	GGCAGCAAGGACAGCTCGAGATGTGCCCACTTGCCTGACTGCCCTTCTGGCTGCTC	1319
Db	1424	CAAGCTACAGATATCATCATGTGTCCTGTGTGATAAAACTGTCCATTGAGGCTG	1483
Qy	1320	TCCAGGCCTGTGCCCTGGCCAGGCCGGCTGGACCGACGGCGCACCGTGTTC	1379
Db	1484	TCAGACAGCTGTATATGCCAAGGTAAACCAACCTTTGACAATGGAGCCACTGTCTC	1543
Qy	1380	TTCAGCTTGTTCATGGCACTGTGGCGTGCTGCTGGAGTACTGGAAGCGGAAGAGC	1439
Db	1544	TTTGTGTTTCATGGCAGTCTGGCAACAGTTCTGGAGTTGGAAAAGACGGCGA	1603
Qy	1440	GCCACGCTGGCCTACCGCTGGACTGCTCTGACTACGAGGACACTGAGGAGAGGCCTCG	1499
Db	1604	GCAGTAATTGCTTATGACTGGATTGATAGACTGGGAAGAAGAGGAGGAAGAACACGA	1663
Qy	1500	CCCCAGTTGCCCTCAGCCCCCATGACAGCCC---CGAACCCCATCACGGGTGAGGAC	1556
Db	1664	CCCCAGTTGAAGCCAAGTATTCCAAGAAAGAGCGGATGAATCCAATTCTGGAAAGCCA	1723
Qy	1557	GAGCCTACTTCCCTGAGAGGAGGCCCGCGCGCCGATGCTGCCGGCTCTGTGGTGATC	1616
Db	1724	GAACCTTATCAAGCATTACAGATAATGCAGCAGACTTATCGTTCTGCATCTGGAATA	1783
Qy	1617	GTGGTGATGGTGGCGTGGTGGTCATGTGCCCTCGTGTCTATCCTGTACCGTGCCATC	1676
Db	1784	TTTTTATGATCTGCGTGGTATTGCTGCCGTGTCGGGATCGTCATTACCGGGTGGTG	1843

Qy	1677	ATGCCATCGTGGTCCAGGTCGGCAACACCCCTCTCGCAGCCTGGGCCTCTGCATC	1736
Db	1844	ACTGTCAGCAGCTTCGCTGCCTTAAGTGGCGTTAACAGGAATAACTCTCAGGTTGCA	1903
Qy	1737	GCCAGCCTCACGGGTCTGTAGTGAACCTCGTCTCATCCTCATCCTCTCCAAGATCTAT	1796
Db	1904	ACACAGGGACTGCTGTGCACTCAACTCTGTATCATTATGTTGCTGAATGTGCTCTAT	1963
Qy	1797	GTATCCCTGGCCCACGTCTGACACGATGGAAATGCACCGCACCCAGACCAAGTCGAG	1856
Db	1964	GAAAAAGTTGCCCTGCTCTGACGAATTAGAACAGCCTCGCACAGAGTCTGAGTGGGAG	2023
Qy	1857	GACGCCTTCACCCTCAAGGTGTTCATCTTCAGTTGTCACCTCTACTCCTCACCGTC	1916
Db	2024	AACAGCTTCACCCTGAAAATGTTCTTTCAAGTTGTCATCTGAACAGCTCCACATT	2083
Qy	1917	TACATTGCCTCTTCAAGGGCAGGTTGTTGGGATACCCAGGCAACTACCACACCTGTT-	1975
Db	2084	TACATCGCATTCTCCTCGGAAGATTACAGGACACCCAGGTGCCTACTTGAGGCTGATA	2143
Qy	1976	--TGGAGTCGCATGAGGAGTGCAGCGCTGGAGGCTGCATCGAGCTGGCACAGGAG	2033
Db	2144	AACAGGTGGAGACTAGAACAGAGTGCCACCCAGTGGATGCCTATTGATCTGTATGCAA	2203
Qy	2034	CTCCTGGTCATCATGGTGGCAAGCAGGTCAACAAACATGCAGGAGGTCTCATCCCG	2093
Db	2204	ATGGGTATTATAATGGTGCTAAAGCAGACCTGGAATAATTGATGGACTTGGCTACCCG	2263
Qy	2094	AAGCTAAAGGGCTGGTGGCAGAACAGTTCCGGCTTCGCTCCAAGAACAGGAGGAGCT	2153
Db	2264	TTAACATTGAGAAATTGGTGGACTAGAACAGAAAGTACG--ACAAGAACATGGACCTGAAAGGA	2321
Qy	2154	TCTGCAGGGCTAGCCAGGGCCCTGGGAGGACGACTATGAGCTTGTGCCCTGTGAGGGT	2213
Db	2322	AAATAAGTTCCCACAATGGAAA-AGGACTATAACCTCAGCCGATGAATGCCTATGGA	2380
Qy	2214	CTGTTGACGAGTACCTGGAAATGGTGCAGTTGGCTTCGTCACCATTTGTGGCC	2273
Db	2381	CTCTCGATGAATACTTAGAAATGATTCTCAGTTGGATTACAACATCTTGTC	2440
Qy	2274	GCCTGTCCGCTCGCGCCCTTCGCCCTGCTCAACAACTGGGTGGAGATCCGCTGGAC	2333
Db	2441	GCTTTCCCCTAGCACCACCTCTGGCTTACTGAATAACATAATTGAAATTGACATTGAT	2500
Qy	2334	GCGCGCAAGTCGCTCGAGTACCGGCGCCCTGTGGCGAGCGCGCCAGGACATCGGC	2393
Db	2501	GCTTACAAATTGTCACACAGTGGAGGAGACCTTAGCTCAAGGGCAAAGACATAGGA	2560
Qy	2394	ATCTGGTCCACATCCTGGCGGGCTCACGCACCTGGCGGTATCAGCAACGCCTCCTC	2453
Db	2561	ATTGGTATGGAATTCTGAAGGCATTGGAATTCTCTGTATCACAAATGCATTGTC	2620
Qy	2454	CTGGCCTCTCGTCCGACTTCCTGCCCGC	2483
Db	2621	ATAGCGATAACATCTGACTTTATCCCTCGC	2650

RESULT 6

US-10-104-047-571

; Sequence 571, Application US/10104047
 ; Patent No. 6943241
 ; GENERAL INFORMATION:
 ; APPLICANT: HELIX RESEARCH INSTITUTE
 ; TITLE OF INVENTION: No. 6943241el full length cDNA
 ; FILE REFERENCE: H1-A0105
 ; CURRENT APPLICATION NUMBER: US/10/104,047
 ; CURRENT FILING DATE: 2002-03-25
 ; PRIOR APPLICATION NUMBER:
 ; PRIOR FILING DATE:
 ; NUMBER OF SEQ ID NOS: 4096
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 571
 ; LENGTH: 2736
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens

US-10-104-047-571

Query Match 8.7%; Score 286.6; DB 3; Length 2736;
 Best Local Similarity 51.7%; Pred. No. 1.1e-50;
 Matches 752; Conservative 0; Mismatches 694; Indels 9; Gaps 4;

Qy 1035 AACCAGCGCCAAGTCCTTCCAGCACTGGCGCGCTGGGCAAGTGGAAAGTACCAAG 1094
 ||||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

Db 31 AACCAACGACATCTACTCTATGAGTGCTGGCCTCCTGGGCGTGTGGTATAAACCAA 90

Qy 1095 CCCCTGGACCACGTGCGCAGGTACTTCGGGAGAAGGTGGCCCTCTACTTCGCGCTGGCTC 1154
 ||| ||||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

Db 91 CCTTGGATCTTGTAAAGCGGTACTTGGAGAGAAGATTGGTTATATTTGCCTGGTTG 150

Qy 1155 GGGTTTACACAGGCTGGCTCCTGCCAGCGGCAGTGGTGGCACACTGGTGTCCCTGGTG 1214
 ||| | ||||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

Db 151 GGCTGGTACACCGGCATGCTCTTCCCAGCTGCCATTGGATTGTTGTCTTTGTAT 210

Qy 1215 GGCTGCTCCTGGTGTCTCAGACATAACCCACGCAGGAACGTGTGGCAGCAAGGACAGC 1274
 ||| | | | ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

Db 211 GGCGTCACCACTCTGGATCACAGCCAAGTCAGTAAAGAAGTCTGCCAAGCTACAGATATC 270

Qy 1275 TTCGAGATGTGCCACTTGCCTCGACTGCCCTTCTGGCTGCTCTCCAGCGCCTGTGCC 1334
 ||| | | | ||| ||| ||| ||| ||| ||| ||| ||| |||

Db 271 ATCATGTGTCCTGTGTGATAAAACTGTCCATTGAGGCTGTCAGACAGCTGTGTA 330

Qy 1335 CTGGCCCAGGCCGGCGCTGTCGACCAACGGCGGACCGTGTCTCAGCTTGTTCATG 1394
 ||| | | | ||| ||| ||| ||| ||| ||| ||| ||| |||

Db 331 TATGCCAAGGTAACCCACCTTTGACAATGGAGCCACTGTCTTGTCTGTTCATG 390

Qy 1395 GCACTGTGGCCGTGCTGCTGGAGTACTGGAAGCGGAAGAGCGCCACGCGCTGGCCTAC 1454
 ||| | | ||| ||| ||| ||| ||| ||| ||| ||| |||

Db 391 GCAGTCTGGCAACAGTTCTGGAGTTGGAAAAGACGGCGAGCAGTAATTGCTTAT 450

Qy 1455 CGCTGGACTGCTCTGACTACGAGGACACTGAGGAGAGGCCTGGCCCCAGTTGCCGCC 1514
 ||| ||| | | | ||| ||| ||| ||| ||| ||| ||| |||

Db 1288 CCACTCTGGCCTTACTGAATAACATAATTGAAATTGACTTGATGCTTACAAATTGTC 1347
 Qy 2349 TGCAGTACCGCGCCCTGTGGCGAGCGCGCCAGGACATCGGCATCTGGTCCACATC 2408
 ||||| ||| | ||| | ||| | | ||| | ||| | ||| | ||| | ||| | ||| | |||
 Db 1348 ACACAGTGGAGGAGACCTTAGCTTCAAGGGCAAAGACATAGGAATTGGTATGAAATT 1407
 Qy 2409 CTGGCGGGCCTCACGCACCTGGCGGTATCAGCAACGCCTCCTGGCCTCTCGTCC 2468
 ||| | ||| | ||| | ||| | ||| | ||| | ||| | ||| | ||| | ||| | ||| | |||
 Db 1408 CTTGAAGGCATTGAAATTCTCTCTGTTATCACAAATGCATTTGTCATAGCGATAACATCT 1467
 Qy 2469 GACTTCCTGCCCGCGC 2483
 ||||| | ||| |||
 Db 1468 GACTTTATCCCTCGC 1482

RESULT 7

US-10-108-260A-2040

; Sequence 2040, Application US/10108260A
 ; Patent No. 7193069
 ; GENERAL INFORMATION:
 ; APPLICANT: HELIX RESEARCH INSTITUTE
 ; TITLE OF INVENTION: No. 7193069el full length cDNA
 ; FILE REFERENCE: H1-A0106
 ; CURRENT APPLICATION NUMBER: US/10/108,260A
 ; CURRENT FILING DATE: 2002-03-27
 ; NUMBER OF SEQ ID NOS: 5458
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 2040
 ; LENGTH: 2118
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens

US-10-108-260A-2040

Query Match 7.6%; Score 252.6; DB 5; Length 2118;
 Best Local Similarity 54.3%; Pred. No. 1.6e-43;
 Matches 616; Conservative 0; Mismatches 489; Indels 30; Gaps 4;

Qy 841 AGGACACCTCTTACAAGCACCAAGAGGACCAATTCTGTTGAGATCTGGCCAAGA 900
 ||||| ||||| ||| | ||| | | ||| | | ||| | ||| | ||| | ||| | ||| | |||
 Db 731 AGGATTCTTTTCGACAGCAAAACCCGGAGCACGATTGTCTATGAGATCTGAAGAGAA 790
 Qy 901 CCCCGTATGGCCACGAGAAGAAAAACCTGCTGGATCCACCAGCTGCTGGCAGAGGGTG 960
 | | ||| | | | | ||| | | | | ||| | | ||| | ||| | | ||| | ||| | |||
 Db 791 CGACGTGTACAAAGGCCAAGTACAGCATG---GGCATCACGAGCCTGCTGGCCAATGGTG 847
 Qy 961 TCCTCAGTGCCCTTCCCCCTGCATGACGGCCCTCAAGACGCCAGAGGGCCCGC 1020
 | | | ||| | | ||| | ||| | | ||| | | ||| | | ||| | | ||| | | |||
 Db 848 TGTACGCGGCTGCATACCCACTGCACGATGGAGACTACAACGGTAAAACGTCGAGT--- 904
 Qy 1021 AGGCTCCACGCCCTAACCAAGCGCCAAGTCCTTCCAGCACTGGCGCGCTGGGCAAGT 1080
 ||||| | | | ||| | | ||| | | ||| | | ||| | | ||| | | ||| | | |||
 Db 905 -----TCAACGACAGAAAACCTCCTGTACGAAGAGTGGGCACGCTATGGAGTT 952
 Qy 1081 GGAACAAAGTACCAAGGCCCTGGACCAAGTGCAGGTACTTCGGGGAGAAGGTGGCCCTCT 1140
 | | ||| | | | | | | ||| | | ||| | | ||| | | ||| | | ||| | | ||| |
 Db 953 TCTATAAGTACCAAGGCCATCGACCTGGTCAGGAAGTATTTGGGGAGAAGATGGCCTGT 1012

Qy	1141	ACTTCGCCTGGCTCGGGTTTACACAGGCTGGCTCCTGCCAGCGGCAGTGGTGGCACAC	1200
Db	1013	ACTTCGCCTGGCTGGCGTGTACACCCAGATGCTCATCCCTGCCATCGTGGGAATCA	1072
Qy	1201	TGGTGTTCCTGGTGGCTGCTCCTGGTGTTCAGACATACCCACGCAGGAACGTGTG	1260
Db	1073	TTGTCTTCCTGTACGGATGCGCACCATGGATGAAAACATCCCCAGCATGGAGATGTGTG	1132
Qy	1261	GCAGCAAGGACAGCTCGAGATGTGCCACTTGCCTCGA---CTGCCCTTCTGGCTGC	1317
Db	1133	ACCAGAGACACAATATCACCATGTGCCCGCTTGCAGACAAGACCTGCAGCTACTGGAAGA	1192
Qy	1318	TCTCCAGCGCCTGTGCCCTGGCCAGGCCGGCCGGCTGTTGACCACGGCGGACCGTGT	1377
Db	1193	TGAGCTCAGCCTGCGCACGGCCCGGCCAGCCACCTCTCGACAACCCGCCACGGTCT	1252
Qy	1378	TCTTCAGCTTGTTCATGGCACTGTGGCCGTGCTGCTGGAGTACTGGAAGCGGAAGA	1437
Db	1253	TCTTCTCTGTCTTCATGGCCCTCTGGCTGCCACCTCATGGAGCACTGGAAGCGGAAAC	1312
Qy	1438	GCGCCACGCTGGCCTACCGCTGGGACTGCTCTGACTACGAGGACACTGAGGAGAGGCCTC	1497
Db	1313	AGATGCGACTCAACTACCGCTGGGACCTCACGGGTTGAAGAGGAAGAGGATCATCCTA	1372
Qy	1498	GGCCCCAGTTGCCGCCTCAGCCCCCATGACAGCCCCGAACCCCACACGGGTGAGGACG	1557
Db	1373	GAGCTGAATACGAAGCCAGAGTCTTGGAGAAAGTCTCTGAAGAAAGAGTCAGAAACAAAG	1432
Qy	1558	AGCCCTACTTCCCTGAGAGGAGCCGCGCGCGCATGCTGGC-----GGCTCTG	1608
Db	1433	AGACTGACAAAGTGAAGCTGACATGGAGAGATCGGTTCCCAGCCTACCTCACTAATTGG	1492
Qy	1609	TGGTGATCGTGGTGTGGTGGCGTGGTCATGTGCCTCGTGTCTATCATCCTGTACC	1668
Db	1493	TCTCCATCATCTTCATGATTGCAGTGACGTTGCCATCGTCCTCGCGTCATCATCTACA	1552
Qy	1669	GTGCCATCATGCCATCGTGGTGTCCAGGTGGCAACACCCCTCTCGCAGCCTGGCCT	1728
Db	1553	GGATCTCCATGGCGCCGCTTGGCCATGAACCTCCCCCTCCGTGCGGTCAAACATCC	1612
Qy	1729	CTCGCATGCCAGCCTCACGGGCTGTAGTGAACCTCGTCTTCATCCTCATCCTCTCCA	1788
Db	1613	GGGTCACAGTCACAGCCACCGCGGTCATCATAACCTAGTGGTCATCATCCTCTGGACG	1672
Qy	1789	AGATCTATGTATCCCTGGCCCACGTCTGACACGATGGAAATGCACCGCACCCAGACCA	1848
Db	1673	AGGTGTATGGCTGCATAGCCGATGGCTACCAAGATCGAGGTCCAAAGACGGAGAAAA	1732
Qy	1849	AGTCGAGGACGCCTCACCCCTCAAGGTGTTCATCTCCAGTCGTCAACTCTACTCCT	1908
Db	1733	GCTTGAGGAGAGGCTGATCTCAAGGCTTCCCTGCTGAAGTTGTGAATTCTACACCC	1792
Qy	1909	CACCCGTCTACATTGCCCTCTCAAGGGCAGGTTGTGGATAACCCAGGCAACTA	1963
Db	1793	CCATCTTTACGTGGCGTTCTCAAAGGCCGGTTGTTGGACGCCGGCGACTA	1847

Qy	2768	CCTG	2771
Db	1593	CCAG	1596

RESULT 9

US-09-270-767-13982

; Sequence 13982, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of *Drosophila melanogaster*
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13982
; LENGTH: 1282
; TYPE: DNA
; ORGANISM: *Drosophila melanogaster*

US-09-270-767-13982

Query Match 6.5%; Score 216.2; DB 3; Length 1282;
Best Local Similarity 53.9%; Pred. No. 7.7e-36;
Matches 496; Conservative 0; Mismatches 413; Indels 12; Gaps 2;

Qy	1587	CGCCGCATGCTGGCCGGCTCTGTGGTGATCGTGGTATGGTGGCCGTGGTGGTCATGTGC	1646
Db	169	CCCGCCACCGTGTTCAGCTTTCAGTGGTACTGCTCCTAATTGCACTGGCCTTGTGGCA	228

Qy	1647	CTCGTGTCTATCATCCTGTACCGTGCCATCATGGCCATCGTGGTGTCCAGGTCGGCAAC	1706
Db	229	CTGCTGGCAGTGGTTGTATACCGAATGTCCATGCTGGCCGCCCTAAAGTGGGTGCTAGT	288

Qy	1707	ACCCTCTCGCAGCCTGGGCCTCTCGCATGCCAGCCTCACGGGTCTGTAGTGAACCTC	1766
Db	289	CCCATGACCACCTCTAGCGCTATTGTCCTAGCCACTGCATCAGCTGCCTTGTAAATCTG	348

Qy	1767	GTCTCATCCTCATCCTCTCCAAGATCTATGTATCCCTGGCCACGTCTGACACGATGG	1826
Db	349	TGCCTGCTCTATATACTTAATTATATGTACAATCATTGGCTGAGTACCTGACAGAGCTG	408

Qy	1827	GAAATGCACCGCACCCAGACCAAGTTCGAGGACGCCCTCACCTCAAGGTGTTCATCTC	1886
Db	409	GAAATGTGGCGCACTCAAACCTCAGTTGACTCGCTTACCCCTAAAATTATCTGCTG	468

Qy	1887	CAGTCGTCAACTCTACTCCTCACCGTCTACATTGCCTTCTCAAGGGCAGGTTGTG	1946
Db	469	CAGTTGTAAACTACTACGCCTCATTTCATAGCTTCTCAAGGGTAAATCGTT	528

Qy	1947	GGATACCCAGGCAACTACCACACCTTGGAGTCCGCAATGAGGAGTGCAGGGCTGGA	2006
Db	529	GGTCATCCGGGAGAGTATAATAAGCTTTGACTATCGGCAGGAGGTGCTCATCGGGT	588

Qy	2007	GGCTGCCTGATCGAGCTGGCACAGGAGCTCCTGGTCATCATGGTGGCAAGCAGGTCATC	2066
----	------	---	------

Db	589	GGCTGTTAACGGAGCTGTCATCCAGTTAGCCATTATAATGGTGGCAAGCAGGCATTC	648
Qy	2067	AACAAACATGCAGGAGG-----TCCTCATCCCGAAGCTAAAGGGCTGGTGGCAGAAGTTC	2120
Db	649	AACACTATTCTGAAGTGTATCTCCATGTTCTGGCGAAAGGTTGGCCATTAGGTG	708
Qy	2121	CGGCTTCGCTCCAAGAAGAGGAAGGCAGGGAGCTCTGCAGGGCTAGCCAGGGGCCCTGG	2180
Db	709	GGCCTGTCGCGACTTTCAACAAACACCCGAATCCAGACAAGACGAAAGACGAACGCTGG	768
Qy	2181	GAGGACGACTATGAGCTTGTGCCCTGTGAG-----GGTCTTTGACGAGTACCTGGAA	2234
Db	769	ATGCGGGATTCAAGCTACTGGATTGGGTGCCCGAGGTCTTTCCCGAGTATTGGAG	828
Qy	2235	ATGGTGCAGTTCGGCTTCGTACCATTTGTGGCCGCTGTCCGCTCGCGCCGCTC	2294
Db	829	ATGGTCTTGCAGTACGGCTTCGTAACCATTTGTGGCCGCTTCCGCTGGCGCCATTTC	888
Qy	2295	TTCGCCCTGCTCAACAACTGGGTGGAGATCCGCTTGGACCGCGCAAGTCGTCTGCGAG	2354
Db	889	TTTGCCTGCTAAATAATCTTGGAAATGCGACTGGATGCAAAGAAACTATTGACCCAC	948
Qy	2355	TACCGGCGCCCTGTGGCGAGCGCGCCAGGACATCGGCATCTGGTCCACATCCTGGCG	2414
Db	949	CACAAGCGTCCAGTATCACAGCGAGTTGAGATATAGGAGTGTGGTATCGTATCCTGGAC	1008
Qy	2415	GGCCTCACGCACCTGGCGGTATCAGCAACGCCCTCCTGGCCTCTCGTCCGACTTC	2474
Db	1009	TGCATAGGCAAGCTCAGCGTGATCACAAATGGATTCATAGCCTTACCTCTGACATG	1068
Qy	2475	CTGCCGCGCGCCTACTACCGG	2495
Db	1069	ATTCCCGCGTTGGTGTACCGG	1089

RESULT 10

US-10-104-047-1146

; Sequence 1146, Application US/10104047

; Patent No. 6943241

; GENERAL INFORMATION:

; APPLICANT: HELIX RESEARCH INSTITUTE

; TITLE OF INVENTION: No. 6943241el full length cDNA

; FILE REFERENCE: H1-A0105

; CURRENT APPLICATION NUMBER: US/10/104,047

; CURRENT FILING DATE: 2002-03-25

; PRIOR APPLICATION NUMBER:

; PRIOR FILING DATE:

; NUMBER OF SEQ ID NOS: 4096

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 1146

; LENGTH: 2293

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-104-047-1146

Query Match 5.2%; Score 170.8; DB 3; Length 2293;
Best Local Similarity 54.9%; Pred. No. 3.9e-26;
Matches 400; Conservative 0; Mismatches 322; Indels 6; Gaps 3;

Qy	1759	TGAACCTCGTCTCATCCTCATCCTCTCCAAGATCTATGTATCCCTGGCCCACGTCTGA	1818
Db	324	TCAACTTCTGTATCATTATGTTGCTGAATGTGCTCTATGAAAAAGTTGCCCTGCTTCTGA	383
Qy	1819	CACGATGGAAATGCACCGCACCCAGACCAAGTTGAGGACGCCTCACCCCTCAAGGTGT	1878
Db	384	CGAATTAGAACAGCCTCGCACAGAGTCTGAGTGGGAGAACAGCTTCACCCGTAAAATGT	443
Qy	1879	TCATCTTCCAGTTCGTAACTTCTACTCCTCACCCGTCTACATTGCCTTCTCAAGGGCA	1938
Db	444	TTCTTTTCAGTTGTCAATCTGAACAGCTCCACATTTACATCGCATTCTCCTCGGAA	503
Qy	1939	GGTTTGTGGGATACCCAGGCAACTACCACACCTTGT---TGGAGTCCGCAATGAGGAGT	1995
Db	504	GATTACAGGACACCCAGGTGCCTACTTGAGGCTGATAAACAGGTGGAGACTAGAAAGAGT	563
Qy	1996	GCGCGGCTGGAGGCTGCCTGATCGAGCTGGCACAGGAGCTCCTGGTCATCATGGTGGGCA	2055
Db	564	GCCACCCCTAGTGGATGCCTTATTGATCTGTATGCAAATGGTATTATAATGGTCTAA	623
Qy	2056	AGCAGGTCATCAACAACATGCAGGAGGTCTCATCCCGAAGCTAAAGGGCTGGTGGCAGA	2115
Db	624	AGCAGACCTGGAATAATTCTATGGAACCTGGCTACCCGTTAATTCAAATTGGTGGACTA	683
Qy	2116	AGTTCCGGCTTCGCTCCAAGAAGAGGAAGGCAGGAGCTTCTGCAGGGCTAGCCAGGGC	2175
Db	684	GAAGAAAAGTACG--ACAAGAACATGGACCTGAAAGGAAAATAAGTTCCCACAATGGG-	740
Qy	2176	CCTGGGAGGACGACTATGAGCTTGTGCCCTGTGAGGGCTGTTGACGAGTACCTGGAAA	2235
Db	741	AAAAGGACTATAACCTTCAGCGATGAATGCCTATGGACTCTCGATGAATACTTAGAAA	800
Qy	2236	TGGTGCAGTTCGGCTTCGTCACCATCTTCGTGGCCGCTGTCCGTCGCGCCGCTCT	2295
Db	801	TGATTCTTCAGTTGGATTACAACATATCTTGAGCTTCCCAGCACCACCTTC	860
Qy	2296	TCGCCCTGCTAACAACTGGGTGGAGATCCGCTTGGACGCGCGCAAGTCGTCTGCGAGT	2355
Db	861	TGGCCTTACTGAATAACATAATTGAAATTGACTTGATGCTTACAAATTGTCACACAGT	920
Qy	2356	ACCGCGCCCTGTGGCCAGCGCGCCAGGACATGGCATCTGGTCCACATCCTGGCG	2415
Db	921	GGAGGAGACCTTAGCTCAAGGGCAAAGACATAGGAATTGGTATGAAATTCTTGAAG	980
Qy	2416	GCCTCACGCACCTGGCGGTATCAGCAACGCCTCCTCTGGCCTCTCGCCACTTCC	2475
Db	981	GCATTGGAATTCTCTCTGTTATCACAAATGCATTGTCATAGCGATAACATCTGACTTTA	1040
Qy	2476	TGCCCGCG 2483	
Db	1041	TCCCTCGC 1048	

RESULT 11

US-10-100-683-1599

; Sequence 1599, Application US/10100683

; Patent No. 7368531

; GENERAL INFORMATION:

; APPLICANT: Rosen, et al.

; TITLE OF INVENTION: Human Secreted Proteins

; FILE REFERENCE: PS900

; CURRENT APPLICATION NUMBER: US/10/100,683

; CURRENT FILING DATE: 2002-03-19

; PRIOR APPLICATION NUMBER: US 60/040,162

; PRIOR FILING DATE: 1997-03-07

; PRIOR APPLICATION NUMBER: US 60/043,576

; PRIOR FILING DATE: 1997-04-11

; PRIOR APPLICATION NUMBER: US 60/047,601

; PRIOR FILING DATE: 1997-05-23

; PRIOR APPLICATION NUMBER: US 60/056,845

; PRIOR FILING DATE: 1997-08-22

; PRIOR APPLICATION NUMBER: US 60/043,580

; PRIOR FILING DATE: 1997-04-11

; PRIOR APPLICATION NUMBER: US 60/047,599

; PRIOR FILING DATE: 1997-05-23

; PRIOR APPLICATION NUMBER: US 60/056,664

; PRIOR FILING DATE: 1997-08-22

; PRIOR APPLICATION NUMBER: US 60/043,314

; PRIOR FILING DATE: 1997-04-11

; PRIOR APPLICATION NUMBER: US 60/047,632

; PRIOR FILING DATE: 1997-05-23

; PRIOR APPLICATION NUMBER: US 60/056,892

; PRIOR FILING DATE: 1997-08-22

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 13468

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 1599

; LENGTH: 2371

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-100-683-1599

Query Match 4.8%; Score 157.2; DB 7; Length 2371;
 Best Local Similarity 61.9%; Pred. No. 3e-23;
 Matches 249; Conservative 0; Mismatches 153; Indels 0; Gaps 0;

Qy 2181 GAGGACGACTATGAGCTTGTGCCCTGTGAGGGTCTGTTGACGAGTACCTGGAAATGGTG 2240
 ||||| ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Db 6 GAGGTGGATTACAACCTGGAGCCCTTCGCGGGCCTCACCCCAGAGTACATGGAAATGATC 65

Qy 2241 CTGCAGTTCGGCTTCGTCACCATCTCGTGGCCGCCTGTCCGCTCGCGCCGCTTCGCC 2300
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Db 66 ATCCAGTTGGCTTCGTCACCCTGTTGTCGCCTCCTTCCCCCTGGCCCCACTGTTGCG 125

Qy 2301 CTGCTAACAAACTGGGTGGAGATCCGCTTGGACGCGCGCAAGTCGTCTGCGAGTACCGG 2360
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Db 126 CTGCTAACAAACATCATCGAGATCCGCGCTGGACGCCAAAAAGTTGTCACTGAGCTCCGA 185

Qy 2361 CGCCCTGTGGCCGAGCGCGCCCAGGACATCGGCATCTGGTCCACATCCTGGCGGCCTC 2420
 | || | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 Db 186 AGGCCGGTAGCTGTCAGAGCAAAGACATCGGAATCTGGTACAATATCCTCAGAGGCATT 245

Qy 2421 ACGCACCTGGCGGTACAGCAACGCCTCCTCCTGGCCTCTCGTCCGACTTCCTGCCG 2480
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 Db 246 GGGAAAGCTTGCTGTCATCATCAATGCCTCGTGATCTCCTCACGTCTGACTTCATCCCG 305

Qy 2481 CGCGCCTACTACCGGTGGACCCGCGCCCACGACCTGCGCGGCTCCTCAACTCACGCTG 2540
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 Db 306 CGCCTGGTGTACCTCTACATGTACAGTAAGAACGGGACCATGCACGGCTCGTCAACCAC 365

Qy 2541 GCGCGAGCCCCGTCCCTCCTCGCCGCCGCGCACAAACCGCACG 2582
 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 Db 366 ACCCTCTCCTCCTTCAACGTCAGTGACTTCCAGAACGGCACG 407

RESULT 12

US-11-001-793-1599

; Sequence 1599, Application US/11001793
 ; Patent No. 7411051
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen, et al.
 ; TITLE OF INVENTION: Human Secreted Proteins
 ; FILE REFERENCE: PS900
 ; CURRENT APPLICATION NUMBER: US/11/001,793
 ; CURRENT FILING DATE: 2004-12-02
 ; PRIOR APPLICATION NUMBER: US/10/100,683
 ; PRIOR FILING DATE: 2002-03-19
 ; PRIOR APPLICATION NUMBER: US 60/040,162
 ; PRIOR FILING DATE: 1997-03-07
 ; PRIOR APPLICATION NUMBER: US 60/043,576
 ; PRIOR FILING DATE: 1997-04-11
 ; PRIOR APPLICATION NUMBER: US 60/047,601
 ; PRIOR FILING DATE: 1997-05-23
 ; PRIOR APPLICATION NUMBER: US 60/056,845
 ; PRIOR FILING DATE: 1997-08-22
 ; PRIOR APPLICATION NUMBER: US 60/043,580
 ; PRIOR FILING DATE: 1997-04-11
 ; PRIOR APPLICATION NUMBER: US 60/047,599
 ; PRIOR FILING DATE: 1997-05-23
 ; PRIOR APPLICATION NUMBER: US 60/056,664
 ; PRIOR FILING DATE: 1997-08-22
 ; PRIOR APPLICATION NUMBER: US 60/043,314
 ; PRIOR FILING DATE: 1997-04-11
 ; PRIOR APPLICATION NUMBER: US 60/047,632
 ; PRIOR FILING DATE: 1997-05-23
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 13468
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 1599
 ; LENGTH: 2371
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens

US-11-001-793-1599

Query Match 4.8%; Score 157.2; DB 7; Length 2371;
 Best Local Similarity 61.9%; Pred. No. 3e-23;
 Matches 249; Conservative 0; Mismatches 153; Indels 0; Gaps 0;

Qy 2181 GAGGACGACTATGAGCTTGTGCCCTGTGAGGGTCTGTTGACGAGTACCTGGAAATGGTG 2240
 Db 6 GAGGTGGATTACAACCTGGAGCCCTCGCGGGCCTCACCCCAGAGTACATGGAAATGATC 65

Qy 2241 CTGCAGTTCGGCTTCGTACCATCTCGTGGCCGCCTGTCCGCTCGCGCCGCTCTCGCC 2300
 Db 66 ATCCAGTTGGCTTCGTACCCCTGTTGTCGCCTCCTCCCCCTGGCCCCACTGTTGCG 125

Qy 2301 CTGCTCAACAACTGGGTGGAGATCCGCTTGGACGCGCGCAAGTCGTCTGCGAGTACCGG 2360
 Db 126 CTGCTGAACAAACATCATCGAGATCCGCCTGGACGCCAAAAGTTGTCACTGAGCTCCGA 185

Qy 2361 CGCCCTGTGGCCGAGCGCGCCCAGGACATCGGCATCTGGTCCACATCCTGGCGGGCCTC 2420
 Db 186 AGGCCGGTAGCTGTCAGAGCAAAGACATCGGAATCTGGTACAATATCCTCAGAGGCATT 245

Qy 2421 ACGCACCTGGCGGTATCAGCAACGCCTCCTCCTGGCCTCTCGTCCGACTTCCTGCCG 2480
 Db 246 GGGAAAGCTTGCTGTCATCATCAATGCCTCGTGATCTCCTCACGTCTGACTTCATCCCG 305

Qy 2481 CGCGCCTACTACCGGTGGACCCGGCCACGACCTGGCGGCTTCCTCAACTTCACGCTG 2540
 Db 306 CGCCTGGTGTACCTCTACATGTACAGTAAGAACGGGACCATGCACGGCTTCGTCAACCAC 365

Qy 2541 GCGCGAGCCCCGTCCCTCCTCGCCGCCGCACAACCGCACG 2582
 Db 366 ACCCTCTCCTCCTTCAACGTCACTGACTTCCAGAACGGCACG 407

RESULT 13

US-10-741-601-19564/c

; Sequence 19564, Application US/10741601
 ; Patent No. 7306913
 ; GENERAL INFORMATION:
 ; APPLICANT: CARGILL, Michele et al.
 ; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
 ; TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001500
 ; CURRENT APPLICATION NUMBER: US/10/741,601
 ; CURRENT FILING DATE: 2003-12-22
 ; NUMBER OF SEQ ID NOS: 26415
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 19564
 ; LENGTH: 201
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-741-601-19564

Query Match 3.9%; Score 128.6; DB 6; Length 201;
 Best Local Similarity 99.2%; Pred. No. 1.9e-17;
 Matches 128; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Search completed: October 1, 2008, 13:05:24
Job time : 1169 secs